

AMENDMENTS TO THE CLAIMS

Please cancel claim 37, amend claim 35, and add new claim 49, as follows:

Claims 1-34 (Canceled).

Claim 35 (Currently Amended) A process for producing a catalytic material in the form of a shaped body comprising at least one zeolite comprising at least one titanium silicalite and being at least partly crystalline, wherein said process comprises in sequential order:

- (I) at least partial crystallization of at least one solid material comprising at least one titanium silicalite in a synthesis mixture to produce a mixture (I) comprising at least said solid material and a mother liquor;
- (II) separating and/or concentrating of said solid material in said mixture (I) obtained from said at least partial crystallization (I);
- (C) calcining said solid material obtained from said separating and/or concentrating (II) to produce a calcined solid material;
- (W) ~~washing~~ bringing said calcined solid material obtained from said calcining (C) into contact with liquid deionized water at a temperature of 120-175°C;
- (S) shaping said calcined solid material obtained from said ~~washing step~~ (W) to produce a shaped body and drying said shaped body at a temperature of 30-140°C for a period of 1-20 hours;
- (C) calcining said shaped body at a temperature of 400-800°C for a period of 3-10 hours; and
- (W) ~~washing~~ bringing said shaped body obtained from said calcining (C) into contact with liquid deionized water[[,]] at a temperature of 120-175°C;

wherein said separating and/or concentrating (II) of said solid material is carried out by a method selected from the group consisting of filtration, ultrafiltration, diafiltration, centrifugation, spray drying and spray granulating, and

wherein said shaping (S) of said calcined solid material is carried out by a method selected from the group consisting of pelleting, pressing, extruding, sintering, roasting and briquetting.

Claims 36-37 (Cancelled).

Claim 38 (Previously Presented) The process according to claim 35, wherein said at least one zeolite comprising at least one titanium silicalite is selected from materials of the structure classes MFI, MEL, MWW, BEA or any mixed structures thereof.

Claim 39 (Currently Amended) The process according to claim 35, wherein said ~~washing~~ step (W) is performed either in a reactor that is used for the synthesis or treatment of said calcined solid material, or in a reactor in which said calcined solid material or said shaped body made from said calcined solid material are used as catalysts in a chemical reaction.

Claim 40 (Previously Presented) The process according to claim 35, wherein said calcining (C) of said solid material is carried out at a temperature of 400-800°C for a period of 3-10 hours.

Claim 41 (Currently Amended) The process according to claim 35, wherein said calcined solid material is dried after said ~~washing~~ step (W) and prior to said shaping (S).

Claim 42 (Currently Amended) The process according to claim 35, wherein said ~~washing~~ step (W) of bringing said calcined solid material into contact with said liquid deionized water is carried out in a stirring tank.

Claim 43 (Currently Amended) The process according to claim 42, wherein said ~~washing~~ step (W) is carried out with stirring for a period of 12-24 hours.

Claim 44 (Previously Presented) The process according to claim 35, wherein said shaping (S) of said calcined solid material is carried out in an extruder to produce said shaped body in the form of an extrudate having a diameter of 1-10 mm.

Claim 45 (Previously Presented) A catalytic material in the form of a shaped body produced by the process according to claim 35.

Claim 46 (Currently Amended) The catalytic material according to claim 45, wherein said catalytic material exhibits an increased UV/VIS absorption in the region of 250-350 nm in comparison to materials that have not been subjected to said ~~washing~~ steps (W).

Claim 47 (Withdrawn) A method of carrying out an epoxidation reaction of at least one compound with at least one C-C double bond with at least one hydroperoxide in the presence of the catalytic material according to claim 45.

Claim 48 (Withdrawn) A method of carrying out an epoxidation reaction of at least one compound with at least one C-C- double bond with at least one hydroperoxide in the presence of the catalytic material produced by the process according to claim 35.

Claim 49 (Currently Amended) A process for producing a catalytic material in the form of a shaped body comprising at least one zeolite comprising at least one titanium silicalite and being at least partly crystalline, wherein said process comprises in sequential order:

- (I) at least partial crystallization of at least one solid material comprising at least one titanium silicalite in a synthesis mixture to produce a mixture (I) comprising at least said solid material and a mother liquor;
- (II) separating and/or concentrating of said solid material in said mixture (I) obtained from said at least partial crystallization (I);
- (W1) optionally ~~washing~~ bringing said solid material obtained from said separating and/or concentrating (II) into contact with liquid deionized water at a temperature of 120-175°C with stirring for a period of 12-24 hours;
- (III) optionally agglomerating and/or granulating said solid material obtained from said step ~~washing~~ (W1) if present;
- (C1) calcining said solid material obtained from said separating and/or concentrating (II), said step ~~washing~~ (W1) if present, or said agglomerating and/or granulating (III) if present, to produce a calcined solid material;
- (W2) ~~washing~~ bringing said calcined solid material obtained from said calcining (C1) into contact with liquid deionized water at a temperature of 120-175°C with stirring for a period of 12-24 hours;

- (D1) drying said calcined solid material obtained from said ~~step washing~~ (W2) at a temperature of 30-140°C for a period of 1-20 hours;
- (C2) calcining said calcined solid material obtained from said drying (D1) at a temperature of 400-800°C for a period of 3-10 hours;
- (S) shaping said calcined solid material obtained from said calcining (C2) to produce a shaped body;
- (W3) optionally ~~washing~~ bringing said shaped body obtained from said shaping (S) into contact with liquid deionized water;
- (D2) drying said shaped body obtained from said shaping (S), or said ~~step washing~~ (W3) if present, at a temperature of 30-140°C for a period of 1-20 hours;
- (C3) calcining said shaped body obtained from said drying (D2) at a temperature of 400-800°C for a period of 3-10 hours; and
- (W4) ~~washing~~ bringing said shaped body obtained from said calcining (C3) into contact with liquid deionized water,

wherein said separating and/or concentrating (II) of said solid material is carried out by a method selected from the group consisting of filtration, ultrafiltration, diafiltration, centrifugation, spray drying and spray granulating, and

wherein said shaping (S) of said calcined solid material is carried out by a method selected from the group consisting of pelleting, pressing, extruding, sintering, roasting and briquetting.